Main power

- Red (Power), White (Accessories), and Green (Ground) run down the back bone of the Motorcycle.
- Run the Red (14g or 16g) wire from the Battery positive to Red lead on the keyed ignition.
- A 20 to 30amp fuse should be placed somewhere between the battery and the ignition.
- Run the Green (16g) wire from the Battery ground along the backbone of the bike. This will supply a ground for accessories that other wise cannot ground on the frame.

Accessories

- Run the White (16g to 18g or simply match the stock wire size) from the Black lead on the ignition switch to the Headlight, Gauge lights, Brake light switch, and Tail light.
  Note: I run all the accessories as on all the time. This could drain your battery. I run a redesigned rectifier on mine to keep the battery fully charged.
  This can be changed very easily by adding a switch in line with the accessory that you want to turn on and off.

Ignition

- Connect the Black wire from the keyed ignition to the black and white wire of the coils. This will supply power to the ignition system.

Kill button

- Connect the kill button to a "Normally Closed" relay. Put the relay in line with the black ignition wire that runs from the ign switch to the coils.
  When the button is pressed the relay will open the circuit and stop power to the coils.

Front/Rear Brake Switch

- Connect the Green and Yellow lead for the stop switch to the white accessories wire.
- Connect the other end to the stop light wire on the tail light.

Starter and Starter button

- Connect the black 16g on the solenoid to the same white wire used for the accessories.
- Connect the red and yellow lead on the solenoid to one wire on the started button. Connect the other wire on the starter button to a grounded surface on the bike or to the green ground wire.
- Connect the negative Battery post using a 6g/8g cable to the metal surface of the frame. This will create a ground for the frame and motor.
- Connect the positive post of the Battery to the positive post of the solenoid.
- Using 6g cable, connect the Starter motor to the opposite post of the solenoid.

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